

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
23 September 2004 (23.09.2004)

PCT

(10) International Publication Number
WO 2004/080315 A1

(51) International Patent Classification⁷: **A61B 17/16**
(21) International Application Number:
PCT/GB2004/001110
(22) International Filing Date: 12 March 2004 (12.03.2004)
(25) Filing Language: English
(26) Publication Language: English
(30) Priority Data:
0305777.5 13 March 2003 (13.03.2003) GB

(71) Applicant (for all designated States except US): **DEPUY INTERNATIONAL LIMITED** [GB/GB]; St Anthony's Road, Beeston, Leeds LS11 8DT (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **GOODWIN, Peter** [GB/GB]; 1 Wellington Close, Skellingthorpe, Lincoln LN6 5UH (GB). **ORTON, Marcus** [GB/GB]; 40 Heath Drive, Boston Spa, West Yorkshire LS23 6PB (GB).

(74) Agent: **BELCHER, Simon, James**; Urquhart-Dykes & Lord LLP, Tower House, Merriion Way, Leeds LS2 8PA (GB).

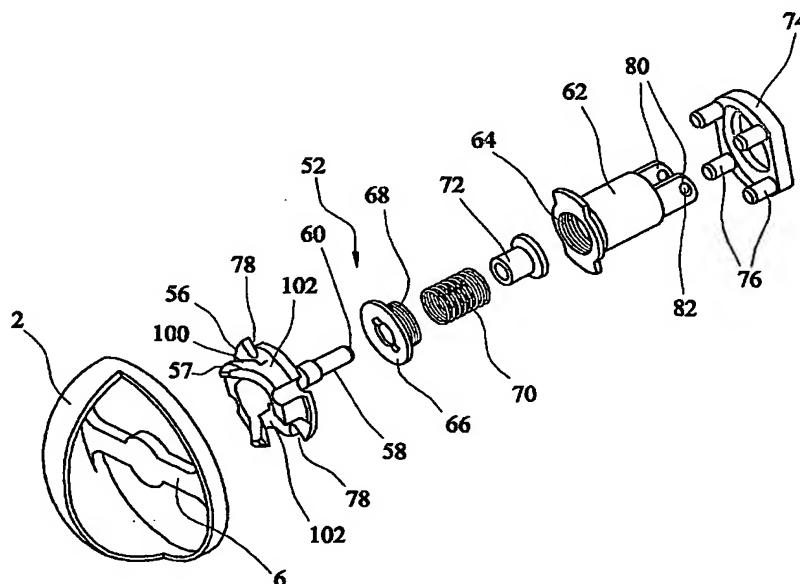
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— with international search report

[Continued on next page]

(54) Title: AN ASSEMBLY FOR USE IN ORTHOPAEDIC SURGERY



(57) Abstract: An instrument assembly for use in orthopaedic surgery comprises a reamer or other cutting component (2), having at least one bar portion extending (6) across it. A manipulator (52) has at least one clasp for engaging the bar portion so as to fasten the cutting component to the manipulator, the clasp comprising a hook (57) and a keeper pin (76). The hook can be displaced relative to the keeper pin between an open position and a closed position. At least one of the contacting surfaces of the bar portion and the hook which contact one another when the bar portion is inserted between the hook and the keeper pin, or the surface of the bar portion which contacts the keeper pin, provides a ramp (100) so that sliding the bar portion between the hook and the keeper pin causes the hook to be displaced relative to the keeper pin.

WO 2004/080315 A1



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.